

PANASENKO, V.A., inzh.; KOLYGAYEV, B.S., inzh.

Flow sheet for the control of mine fan reversal. Ugol'nyy prom.
no.3:49-51 My-Je '62. MIRA 1842.

1. Institut avtomatiki Gosplane UkrSSR (for Panasenko). 2. "Sentra
naya elektromekhanicheskaya masterskaya tres'a "Ukrosobigilemontazh"
(for Kolygayev).

PANASENKO, V.A. inzh.

New indicators for determining the depression and consumption of air.
Ugol'. prom. no. 6:66-67 M-D '62. (MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR.
(Mine ventilation—Equipment and supplies)

PANASENKO, V.A.

Fifth scientific and technical meeting of the "Mekhanobr"
Institute. Met. i gornorud. prom. no.6:80-81 N-D '65.

(MIRA 18:12)

PANASENKO, V.A.

A technical conference on the conditions and prospects of iron
and manganese ore dressing and the pelletizing of concentrates.
Met. i gornorud. prom. no. 4.8.81 JI-6g '65. (MIRA 18:10)

PANASENKO, Valeriy Dmitriyevich; SOTSKOV, B.S., prof., retsenzent;
GAL'PERIN, I.TS., doktor tekhn. nauk, nauchnyy red.; ODEKOV,
I.A., red.; GARGUKHINA, L.A., tekhn. red.

[Elements of automatic control and computer engineering; a
manual on standard components and networks]Elementy avtoma-
ticheskikh ustroystv i vychislitel'noi tekhniki; spravochnik
po tipovym elementam i skhemam. Izd.2., dop. i perer. Moskva,
Oborongiz, 1962. 300 p. (MIRA 15:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Sotskov).
(Automatic control) (Electronic calculating machines)

PANASENKO, Vasilii Grigor'yevich; KUBARKIN, K. I., retsenzent; SALATSKII, M. A., retsenzent; SVIRIDOV, N. I., retsenzent; KHABANOV, L. I., retsenzent; MIKHAYLOV, A. S., ret.

[Study of materials used in carpentry and furniture manufacture] Materialovedenie stolichno-nepel'nykh, proizvodstv. M. skva, Lesnaya promyshlennost', 1961, 20, 1. (LPA 1830)

LAPCHENKOV, I.F., inzh.; PANASENKO, V.I., inzh.

Transportation by rail of reinforced concrete trusses with a
span of 24 m.. Prom. stroi. 41 no.2:61-62 P '63. (MIRA 16:3)
(Trusses—Transportation)

KIRICHENKO, A.I., inzh.; LAMASENKO, V.M., inzh.

Operational planning of production in piece manufacture of
machinery. Mashinostroenie no.3:93-95 My-Je '62.

(MIRA 17:1)

MUROMTSEVA, Z.G.; PANASENKO, V.N.

Some results of using geophysical methods under mine conditions found in the Krivoy Rog Basin for purposes of prospecting and contouring ore deposits. Uch. zap. SAIGIMSa no.8:209-214 '62.
(MIRA 17:1)

1. Nauchno-issledovatel'skiy gornorudnyy institut i Dnepropetrovskiy sovet narodnogo khozyaystva.

S/169/63/000/002/10/12/
D263/D307

AUTHORS: Panasenko, V. N. and Murontsev, Z. G.

TITLE: A method for carrying out gravimetric observations in underground mines of the Krivoy Rog basin

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 28, abstract 2D169 (Sb. nauchn. statey. N.-i. gornorudn. in-t, UkrSSR, 1962, no. 9, 163-167)

TEXT: Works were carried out to elucidate the possibilities of applying gravimetry in mines in order to contour orebodies. Measurements over known orebodies were performed with a quartz gravimeter ГAK-ПТ (GAK-PT), spacing the observations by 2 - 20 m. Accuracy of repeated readings on independent series of tests was ± 0.026 mgal. The survey showed gravimetry to be very promising for the search of ore deposits in underground conditions. [Abstracter's note: Complete translation.]

Card 1/1

MUROMTSEVA, Z.G.; PANASENKO, V.N.

Data on the earth temperature in the Krivoy Rog Basin. Razved. i
okh. nedr 29 no.7:55-56 JI '63. (MIRA 16:9)

1. Krivorozhskiy nauchno-issledovatel'skiy gornorudnyy institut.
(Krivoy Rog Basin--Earth temperature)

BELEVTSSEV, Ya.N.; BEYGULENKO, I.L.; SETIN, D.I.; BORISENKO, V.G.;
GUBKINA, N.N.; DZHEDZALOV, A.T.; ZHILKINSKIY, S.I., prof.;
ZALATA, L.F.; KAZAK, V.M.; MALYUTIN, Ye.I.; MUROMTSEVA, Z.G.;
NATAROV, V.D., doktor geol.-miner. nauk: PANASENKO, V.N.;
PITADE, A.A.; RADUTSKAYA, P.D.; SLEKTOR, S.M.; SMIRNOV, D.I.;
TOKHTUYEV, G.V., kand. geol.-min. nauk; FOMENKO, V.Yu.;
SLENZAK, O.I., red.izd-va; MATVEYCHUK, A.A., tekhn. red.

[Methodological guide for the geological service for the
prospecting and mining of Krivoy Rog type deposits] Metodiche-
skoe rukovodstvo dlia razvedochnoi i rudnichnoi geologicheskoi
sluzhby mestorozhdenii krivorozhskogo tipa. Pod red. IA.N.
Belevtseva. Kiev, Izd-vo AN USSR, 1963. 395 p.

(MIRA 16:12)

1. Krivoy Rog. Gornorudnyy institut. 2. Chlen-korrespondent
AN Ukr.SSR (for Belevtsev).

(Krivoy Rog Basin--Engineering geology)

PANASENKO, V.N.[Panasenko, V.M.]; MUROMTSEVA, Z.G.[Muromtseva, Z.H.]

Some results of gravimetric observations in the pits of the
Krivoy Rog iron-ore basin. Geol. zhur. 23 no.2:42-47 '63.
(MIRA 16:6)

1. Krivorozhskiy gornorudnyy institut.
(Donets Basin—Gravity prospecting)
(Donets Basin—Iron ores)

BORISOVICH, F.K.; PANASENKO, V.P.; KHATIN, M.G.; KARYAGIN, V.I.

Outstanding veterinarian of White Russia; 50th anniversary of the
birth of S.P. Alonov. Veterinariia 42 no.12-14-1951 p. 111.
(MIRA 1951)

PANASENKO, V. I.

PAKULKO, V. I. "Certain species of fungi of the Order Mucorales of the
Caucasus," Trudy Kavkazskogo gosudarstvennogo universiteta,
biologicheskie nauki, vol. 1, no. 1-4, 1971, pp. 33-34. 01.7.1971

SO: SIRA SI-9-71, 15 Dec. 1971

12

CA

Cold-resistant molds of food products. V. T. Panasenko and R. S. Tatarenko. *Microbiology* (USSR-Sov. R.) 9, 570-84 (in English, 584) (1940). In refrigerating rooms with a temp. of -4.5° , 40 species and over 120 strains of molds were isolated from the walls, ceiling, containers and sometimes from stored foodstuffs. *Penicillium* was prevalent. The molds spread from adjoining rooms. A 0.5% ActOH soln. is most effective for control of molds but it cannot be used on lime-contg. styroplastic.

ASD 31.4 METALLURGICAL LITERATURE CLASSIFICATION

ROOM: 514-031000

100000: 514-031000

COLLECTION:

100000: 514-031000

PANASENKO, V. T.

"Psychrotolerant Fungus Flora of Food Products," Mikrobiol. Zh., 1940.
Ukrainian Research Institute of Food Industry, Kiev'kov.

PANASCHKO, V. T.

PANASCHKO, V. T. "The Ecology of Folia," Mikroscopica, vol. 13, no. 1,
1964, pp. 15-19. 44. 1/2

SO: SI-A SI-90-53, 15 Dec. 1953

BAL'TSER, I. B.; PANASENKO, V. T.

USSR (600)

Sugar Machinery

Improving the disc beet-cutter. Sakh prom. No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 195~~6~~, Uncl.

2

KOSTENKO, A.S.; PANASENKO, V.T.

Centrifugal screen of stainless steel wire. Sakh. prom. 31 no.4:35
Ap '57. (MLRA 10:6)

1. Khmel'nitskiy sakhsveklotrest.
(Centrifuges)

22801

18.3100

1087, 1208, 1454

S/136/61/000/005/004/008
E111/E152

AUTHORS:

Goroshenko, Ya.G., Panasenkov, Ye.B., Roy, V.A., and
Izotov, V.P.

TITLE:

Production of caesium carbonate from pollucite-
spodumene concentrate

PERIODICAL: Tsvetnyye metally, 1961, No.5, pp. 55-57

TEXT:

A possible source of caesium salts are pollucite-
spodumene concentrates. The object of the present investigation
was to study the possibilities of producing caesium carbonate in
this way with lithium as a by-product. Experiments were first made
in which pollucite, spodumene and their mixtures were treated in a
20-litre autoclave. For pollucite leaching the best conditions
were: 3 mols Ca(OH)_2 per mol SiO_2 , solid:liquid ratio 1:5,
temperature 220 °C, pressure 20 atm; but the stirring rate of
25 rev/min was insufficient and a horizontal ball-loaded rotating
autoclave would have been preferable. Spodumene had to be
converted to the beta form by roasting before leaching. Artificial
concentrate was produced by mixing pollucite with alpha-spodumene
(2:1) and calcining at 1000 °C and leaching with a higher stirring

Card 1/2

22801

Production of caesium carbonate.....

S/136/61/000/005/004/008

E111/E152

rate of 110 rev/min. From the collective concentrates containing 13.80% Cs_2O and 2.70% Li_2O the recovery of lithium and caesium into the solution was 88.3 and 88.1%, respectively. If concentrates are not roasted there is selective leaching of caesium; lithium can then be recovered from the sludge at works treating spodumene by the lime method. Experiments were carried out on treatment of solutions. After conversion to alums and four recrystallizations the following degree of contamination of the caesium was obtained: 99.5% Cs, 0.2 Rb, 0.1 Na, 0.2 K, 0.0 Li. To produce one ton of caesium carbonate with the 73% recovery expected of the method requires 7.4 tons of pollucite concentrate, 15.6 slaked lime, 0.5 sulphuric acid (monohydrate), 4.6 aluminium sulphate, 0.5 anhydrous barium hydroxide and 260 m^3 of carbon dioxide. The authors consider that with recovery of caesium from the mother liquor and a better design of autoclave, 87% recovery should be possible. The method developed has the advantage of not requiring pure, scarce or expensive material, it yields products of any purity up to chemical reagent standard, and can easily be switched from the production of caesium carbonate to yield any other caesium salts. There is 1 table.

Card 2/2

18(3), 18(7)

AUTHORS: Natapov, B. S., Vasilenko, G. I., SOV/163-59-1-43/50
Ryabtsev, S. I., Parasenko, Ye. I.

TITLE: Influence of Hot Rolling and of Recrystallization Annealing
Upon the Structure and the Properties of Steel 08kp (Vliyaniye
goryachey prokatki i rekristallizatsionnogo otzhiga na
strukturu i svoystva stali 08kp)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Metallurgiya, 1959. Nr 1.
pp 225-229 (USSR)

ABSTRACT: This is an investigation of some regularities encountered in
the formation of the structure of steel 08kp during hot rolling
and annealing. The samples were rolled in laboratory rolling
mills and annealed in muffle furnaces. The structure was
investigated by means of micrograph and X-ray analysis methods.
The grain sizes were qualitatively determined on the
texturometer by Akulov. In the plant "Zaporozhstal" steel
sheet has been hot rolled in order to obtain a high degree of
stretching on a continuous rolling mill with 4 stands of
roughing rolls and 6 stands of dressing rolls. The investigation
showed that if the temperature after rolling still exceeds
880° recrystallization in the billet takes place within a very

Card 1/4

Influence of Hot Rolling and of Recrystallization
Annealing Upon the Structure and the Properties of
Steel 08kp

SOV/163-59-1-43/50

short time (below 1 second). The crystallization at 1000° starts not before 16 seconds. Immediately after leaving the last stand of rolls the metal exhibited a fine grain (index 7-3) at all temperatures. Grain growth starts only after an appropriate halting time, for example at 900° growing begins after 1 minute (Ref 1). If rolling is terminated at a temperature of $860-840^{\circ}$ and if the billet is kept for 30 minutes in a furnace at the same temperature no grain growth is found. A pronounced growth of the grains at the surface of the semifinished steel products occurs at a temperature after rolling which is below the critical point Ar_3 , at a reduction of less than 15% and a subsequent halting time of 15-30 minutes at $800-750^{\circ}$. When rolling is carried out in the plant, a difference is observed in the growth of the grains at the metal surface. This is considered due to the different depth of deformation and a slow cooling in the range of $800-700^{\circ}$. In order to prevent the formation of eutectic grains the temperature at the end of rolling must exceed 860° , the reduction must keep

Card 2/4

Influence of Hot Rolling and of Recrystallization
Annealing Upon the Structure and the Properties of
Steel 08kp

SCV/163-59-1-43/50

within the limits of 12-20% and the cooling process should be accelerated in the range of 800-680°. It was further found that under otherwise equal conditions the grain size after rolling depends upon the chemical composition and the metallurgical history of the melt. The investigation showed that the duration of annealing of the steel 08kp can be reduced and the rate of cooling can be increased. One of the means of a considerable increase in output and of an improvement in steel quality may be a continuous electric annealing of the steel sheet. Laboratory investigations of resistance heating conducted in this direction yielded a satisfactory structure and quality of steel 08kp. Two temperature ranges were found to be most suitable: 730-780° and 1,000-1,050°. An annealing at 730-780° is most advantageous with respect to economy and production considerations. There are 5 figures, 2 tables, and 5 references, 4 of which are Soviet.

ASSOCIATION: Zaporozhskiy mashinostroitel'nyy institut (Zaporozh'ye
Card 3/4 Institute of Machine Building)

MEL'NIKOVA, Ye.A., dotsent; PANASENKO, Z.G., vrach; ARTAMONOVA, T.A.,
vrach

Changes in the serum proteins in persons working with gasoline
and ethylated gasoline. Nauch. trudy Kub. gos. med. inst. 19:
77-83 '62. (MIRA 17:8)

1. Iz kafedry obshchey gigiyeny (zaveduyushchiy - zasluzhennyy
deyatel' nauki Kirgizskoy SSR prof. F.S. Okolov) Kubanskogo
gosudarstvennogo meditsinskogo instituta.

USSR/Physics - Magnetization, Toroids Jun 52

"Magnetization of Toroids With One or Two Cross Sections," F. F. Panasenkov, Chair of Phys, Yaroslavl Agr Inst

"Zhur Tekh Fiz" Vol XXII, No 6, pp 989-999

Presents method for computing the coeff of scattering of toroids with big cross section and obtains empirical formula which permits one to compute scattering coeff of toroids with one or 2 diametrically opposed cross sections. Determines mean magnetic permeability of the cut toroid and computes coeff of selfinduction of these toroids. Gives example of practical application of these formulas and shows 219789

their agreement with exptl results. Indebted to V. K. Arnd'yev. Received 25 Nov 50.

PANASENKOV, F.F.

219789

PANASENKOV, F. F.

Maximum of Temporary Magnetization in Long Ferromagnetic Rods and Rails

Experimental tests of temporary magnetization, i.e., the difference between the magnetization corresponding to the upper loop of the hysteresis and the residual magnetization, in long iron rods are described. The maximum value was found at a certain gap between the poles of the electromagnet and the rod surface. The same magnetization systems are used in defectoscopy. (RZhFiz, No. 8, 1955) Uch. Zap. Yaroslavsk. s.-kh. in-ta, 1954, 142-158.

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

PANASENKOV, F.F.

Fundamentals of the theory of magnetic circuits. Dokl. na nauch.
konf. 1 no.3.157-102 '62. (MIRA 16:3)
(Magnetic circuits)

PANASENKOV, M. A.

PA237T36

USSR/Electricity - Electromagnetic Braking Jul 52

"Electromagnetic Braking," Engr M. A. Panasenkov,
Moscow Power Eng Inst imeni Molotov

"Elektrichestvo" No 7, pp 74-76

Describes briefly steel-disk electromagnetic brake used for the measurement of shaft torque in electric motors. Cites sample characteristics of induction motor taken with brake. Resulting from research at Chair of Elec Machines of author's inst in 1946 and utilizing lever principle, for indication brake can be used by educational institutions, labs, and repair organizations. Submitted 14 Nov 51.

237T36

Panasenkov, M. A.

Subject : USSR/Electricity AID P - 1208
Card 1/2 Pub. 27 - 3/34
Author : Panasenkov, M. A., Eng., Moscow
Title : Calculation of an electromagnetic brake
Periodical : Elektrichestvo, 12, 13-18, D 1954
Abstract : The author deals with an electromagnetic brake system composed of a steel disk arranged to rotate between magnetic poles. He develops formulas expressing the dependence of the torque and flux upon the rotation speed, the armature reaction, the armature temperature and the redistribution of magnetizing forces. He introduces the conception of a "demagnetization coefficient" and finds its connection with electrical resistance. He also finds a functional dependence upon the rotation speed of the tangent and cosine of the phase angle between the current and the emf. He illustrates his findings with numerical data. Six diagrams, 2 Russian references.

PANASENKOV, M. A.

"Theory, Calculation, and Experimental Investigation of Electromagnetic Brakes." Cand Tech Sci, Moscow Power Engineering Inst, Min Higher Education USSR, Moscow, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

AUTHOR: ~~Panasenko, M. A.~~, Candidate of
Technical Sciences

SDV 13-10-9-1 (1)

TITLE: Surface Effects in Massive Ferromagnetic Bodies Taking Into
Account Non-Linearity (Poverkhnostnyy effect v massivnykh
ferromagnitnykh telakh s uchetom nelineynosti)

PERIODICAL: Elektrichestvo, 1958, Nr 2, pp 1 - 7 (USSR)

ABSTRACT: Such effects are of importance in relatively massive
bodies (ferromagnetic armatures of electrical machines,
cylinder shafts, large cylinders). In order to exclude
factors which must be taken into account in special
cases this investigation was confined to a massive steel
toroid. The author proceeds from the equations (1) and (2)
for a plane electromagnetic wave in a medium free
of reference. As the actual non-sinusoidal periodic
induction B and the field strength H are to be represented by
sinusoidal functions the complex magnetic permeability
 μ is introduced, which usually reflects the non-linearity
of first kind $b(\mu)$. As, however, the non-linearity of
second kind $B(H)$ which is caused by the varying saturation,
represents the principal characteristic of ferromagnetic

Card 1/4

Surface Effects in Massive Ferromagnetic Bodies
Taking Into Account Non-Linearity

S. V. 100-10-10-10

substances which in the general case leads to a non-sinusoidal nature of $B(t)$ and of $H(t)$, this effect must also be taken into account. The complete argument φ of the complex permeability consists of two components: φ_1 and φ_2 . φ_1 is equal to the hysteresis loss angle. It is solely a function of the magnetic properties of the material. φ_2 is a function of the parameters determining the eddy current magnetic process. φ_2 is determined under no-hysteresis conditions for which a knowledge of the angle β is required. After β has been determined formula (1) for the complex ferromagnetic permeability is formed and inserted into (2), which yields a relation for the argument φ_2 . A massive steel toroid with a rectangular cross-section exhibits a pronounced surface effect such a sample is investigated as a monopulse transformer with a short-circuited secondary winding. The resistances, the argument φ_1 and the losses in the steel body are determined. The formulas presented which give a good accordance between the calculated and experimental values were checked in the industry.

Card 2/4

Surface Effects in Massive Ferromagnetic Bodies
Taking Into Account Non-Linearity

SOV, 1986-04-01, 34

range of 20 - 20 500 G and at frequencies, varying from 5 - 500 c. Whereas in strong and weak fields the theoretical and the test values show a good agreement, the experimental values show an excess deviation of 5 - 10% in the medium field range, at maximum μ . Thus the theory incorporating non-linearity is validated. According to formula (14), it is possible to construct a.c. magnetization curves for different frequencies from the d.c. magnetization curve. In the course of the work it was found that the phase angle between the primary current I_1 in the steel body and the primary e.m.f. E_1 is independent of the frequency at a pronounced surface effect and attains a maximum value of 45° . Hence the tangent never exceeds unity. A division of the total current into the eddy current I_e and I_0 and of the total resistance into the eddy current resistance Z_e' and Z_0' leads to an equivalent circuit diagram for the toroid, which is similar to that of a transformer. There are 4 figures and 3 references, 3 of which are Soviet.

Card 3/4

Surface Effects in Massive Ferromagnetic Bodies
Taking Into Account Non-Linearity

SDV, 100-10-10-10

ASSOCIATION: Moskovskiy ordena Lenina energeticheskiy institut (Moscow
Lenin Order Institute of Power Engineering)

SUBMITTED: April 10, 1980

Card 4, 1

CA

12

Improving the process of milk defatting in separators
N. Panasenkov and B. Usayev, S. M. Kirov Agr. Inst.
(Dnipro). *Molochkova Prom.* 12, No. 11, 29-31 (1951)
Introduction of a closed plate in the separator considerably
improves the performance of the machine. In an 8-plate
machine the best location is the 3rd plate. Bending of the
outer edges of the lower plates by 40° also increases the
efficiency. G. M. Kozadapoff

PANASENKOV, N.

Milk, Dried

Particle size of dry milk, Mol. prom, 13, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952. ~~1953~~, Uncl.

PANASENKOV, N., SHIDMANSKIY, I.

Drying Apparatus - Milk

Effectiveness of an upper air intake in spray driers. Moloch. prom. 14, no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PANASENKOV, E.; BOYTSUN, V.

The influence of dispersion (the particle size) of dried milk on its stability.
Molochnaya Prom. 14, No.7, 30-2 '53. (MLBA 6:6)
(GA 47 no.22:12676 '53)

1. S.M.Kirov Agr. Inst., Omsk.

PMMA Jet A-1, N.

Chemical Abstracts

Vol. 48 No. 5

Mar. 10, 1954

Foods

Changes in the diameter of (pre)condensed milk droplets during their transformation into dry particles (N. Panasenkov and I. Bushnukina (S. M. Kirov Agr. Inst., Omsk). *Molochiyaya Press*, 14, No. 10, 34 (1953)). In an attempt to improve the keeping quality of dried milk by decreasing the vol. of the air bubble (I) enclosed in a dry particle (II), theoretical calculations were carried out to det. the effect of pre-condensing the milk to a relatively high solids content on the vol. I and vol.-wt. of II. The data show a possible inverse relation between the vol. of I and the solids content of pre-condensed milk droplets. It is claimed that the keeping quality of dried milk is greatly influenced by the vol. of I or porosity of II.

Mladimir N. Krasovskiy

ПАРАСЕНКОВ, Н.

ПАРАСЕНКОВ, Н., docent.

Conference on industrial training of students. Moloch. prom. 18
no.6:47 '57. (MLBA 10:6)

1. Osnovnyy so'edinyayemyy institut imeni Kirova.
(Educational method)

PANASENKOV, N. S.

532.525 : 532.517.4

8550. Influence of the turbulence of a jet of liquid on its atomization. N. S. PANASENKOV, *J. Tech. Phys., USSR*, 21, 160-6 (Feb., 1951) In Russian.

SA

532.13

4512. Molecular weight, density and viscosity of liquefied gases. RUDENKO, N. S. *J. Tech. Phys., USSR*, 18, 1123-6 (Sept., 1948) In Russian.—It was found that for the homologous series of organic compounds there is a relationship between molecular weight and viscosity according to which both

153
d

PANASENKOV, N.S., ~~doc.~~, dotsent, red.; SAKHAROVA, N.N., red.; POGRE-
BINSKAYA, L.V., otv. za vypusk; STAPANOV, B.T., tekhn.red.

[Bibliography of works from the Omsk Agricultural Institute,
1918-1958] Bibliograficheskiy sbornik Omskogo sel'skokhozi-
aystvennogo instituta imeni S.M.Kirova, 1918-1958. Pod red. N.S.
Panasenkov i N.N.Sakharovoi. Omsk, 1959. 221 p. (MIRA 13:3)

1. Omsk. Sel'skokhozyaystvennyy institut. 2. Zaveduyushchaya
bibliotekoy Omskogo sel'skokhozyaystvennogo instituta imeni S.M.
Kirova (for Sakharova).
(Bibliography--Agriculture)

PANASENKOV, N.S., otv. za vyp.; STEPANOV, B.T., tekhn. red.

[Theses of papers presented at the Scientific Conference
of the Department of the Meat and Dairy Industry, 1962] Te-
zisy dokladov Nauchnoi konferentsii Fakul'teta miasnoi i
molochnoi promyshlennosti, Omsk, Omskii sel'khoz. in-t, 1962.
30 p. (MIRA 17:3)

1. Nauchnaya konferentsiya fakul'teta Myasnoy i molochnoy
promyshlennosti, 1962.

PANASENKOV, V., voyennyi moryak

Timely suggestion. Rabotnitsa 37 no.3:8 Mr '59.

(MIRA 12:4)

(Machine-shop practice)

PANASENKOVA, Ye.I., red.; VLASOVA, N.A., tekhn.red.

[Critical parameters of reactor systems] Issledovaniia
kriticheskikh parametrov reaktornykh sistem; sbornik statei.
Moskva, Gos.isd-vo lit-ry v oblasti atomnoi nauki i tekhniki,
1960. 117 p. (MIRA 14:4)
(Nuclear reactors)

KURDYUMOV, G.V., akademik, red.; SINITSYN, V.I., red.; PANASENKOVA, Ye.I., red.;
MAZEL', Ye.I., tekhn. red.

[Transactions. Selected reports by foreign scientists] Trudy. [Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniyu atomnoi energ. pri sovete Ministrov SSSR. Vol.10. [Production and use of isotopes] Polucheniye i primeneniye izotopov. Pod obshchei red. G.V.Kurdiumova. 1959. 603 p. (MIRA 14:7)

1. Vtoraya mezhdunarodnaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii, Zheneva, 1958.

(Radioisotopes)

PHASE I BOOK EXPLOITATION

SOV/5337

Panasenkova, Ye. I., ed.

Issledovaniya kriticheskikh parametrov reaktornykh sistem; sbornik statey (Study of Critical Parameters of Reactor Systems; Collection of Articles) Moscow, Gosatomizdat, 1960. 117 p. Errata slip inserted. 3,600 copies printed.

Tech. Ed.: N.A. Vlasova.

PURPOSE: This collection of articles is intended for nuclear physicists and engineers of nuclear power plants.

COVERAGE: The book contains previously unpublished original articles concerned with the theoretical calculation of neutron fluxes and of critical parameters (critical masses and volumes) of various reactor systems: uranium-graphite, uranium-beryllium, and water mixtures of uranium and plutonium. Individual articles present tables and graphs used in the determination of the dependence of critical parameters on the relative concentration and the character of the fissionable material and the moderator, as well as on fuel enrichment for a wide range of neutron energy spectra. The following are mentioned: P.A. Gavrilov (scientific editor of the collection), and S.I. Sokolov, L.N. Spakhova,

Card 1/3

Study of Critical Parameters of Reactor Systems (Cont.) SOV/5337

A. Ya. Ryumina, R.P. Roschina and V.S. Vladimirov (compilers of Table 1, table of values of coefficients k , D_0 and γ). References accompany individual articles.

TABLE OF CONTENTS:

Romanov, Yu. A. Exact Solutions of the Single-Velocity Kinetic Equation and Their Use in Solving Diffusion Problems (the Perfected Diffusion Method)	3
Marchuk, G.I., and V.P. Kochergin. The Approximation Method of Calculating the Critical Masses of Reactors With an Infinite Reflector	27
Rumyantsev, G. Ya. The Use of Even Approximations in the Method of Spherical Harmonics	34
Marchuk, G.I., G.A. Ilyasova, V. Ye. Kolesov, V.P. Kochergin, L.I. Kuznetsova, and Ye. I. Pogudalina. Critical Masses of Uranium-Graphite Reactors	39
Marchuk, G.I., G.A. Ilyasova, V. Ye. Kolesov, V.P. Kochergin, L.I. Kuznetsova, and Ye. I. Pogudalina. Critical Masses of Uranium-Beryllium Reactors	52

GAVRILOV, P.A., nauchnyy red.; PANASENKOVA, Ye.I., red.; VLASOVA,
N.A., tekhn. red.

[Investigation of the critical parameters of reactor
systems] Issledovaniia kriticheskikh parametrov reaktor-
nykh sistem; sbornik statei. Moskva, Gos.izd-vo lit-ry v
oblasti atomnoi nauki i tekhniki, 1960. 117 p.

(MIRA 14:5)

(Nuclear reactors)

KAPLAN, G.Ye.; USPENSKAYA, T.A.; ZAREMBO, Yu.I.; CHIRKOV, I.V.;
PANASENKOVA, Ye.I., red.; VLASOVA, N.A., tekhn.red.

[Thorium, its mineralogy, chemistry and technology] Torii,
ego syr'evye resursy, khimiia i tekhnologiya. Moskva, Izd-vo
Gos.kom-~~ta~~ Soveta Ministrov SSSR po ispol'zovaniu atomnoi
energii, 1960. 223 p. (MIRA 13:12)
(Thorium)

MARKOV, V.K., doktor khim.nauk; VINOGRADOV, A.V.; YELINSON, S.V.; KLYGIN, A.Ye.; MOISEYEV, I.V.; PANASENKOVA, Ye.I., red.; MAZEL', Ye.I., tekhn.red.

[Uranium, and methods for its determination] Uran, metody ego opredeleniia. Pod red. V.K.Markova. Moskva, Izd-vo Gos.kom-tes Soveta Ministrov SSSR po ispol'zovaniu atomnoi energii, 1960. 262 p. (MIRA 13:12)

(Uranium--Analysis)

OSTROUSHKO, Yu.I.; BUCHIKHIN, P.I.; ALEKSEYEVA, V.V.; NABOYSHCHIKOVA, T.F.;
KOVA, G.A.; SHEKOVA, S.A.; ALEKSEYEVA, R.N.; MAKOVETSKAYA, M.A.;
PANASENKOVA, Ye.I., red.; MAZEL', Ye.I., tekhn.red.

[Lithium, its chemistry and processes for the treatment of its ores]
Litii, ego khimiia i tekhnologiya. Moskva, Izd-vo Glav.uprav. po
ispol'zovaniu atomnoi energii pri Sovete Ministrov SSSR, 1960.
198 p. (MIRA 13:9)

(Lithium)

ZIL'BERMAN, Ye.I.; PANASENKOVA, Ye.I., red.; VLASOVA, N.A., tekhn.red.

[Fundamentals of the chemical technology of artificial radioactive elements] Osnovy khimicheskoi tekhnologii iskusstvennykh radioaktivnykh elementov. Moskva, Gos.isd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 331 p.

(MIRA 14:4)

(Radioisotopes)

POLIKARPOV, V.I.; FILONOV, V.S.; CHUBAKOVA, O.V.; YUZVUK, N.N.;
PANASENKOVA, Ye.I., red.; MAZEL', Ye.I., tekhn. red.

[Controlling the sealing of fuel elements] Kontrol' germetich-
nosti ~~teplovydeliaiushchikh~~ elementov. Moskva, Gosatomizdat,
1962. 186 p. (MIRA 15:6)

(Shielding (Radiation))

ZAYMOVSKIY, Aleksandr Semenovich; KALASHNIKOV, Vyacheslav Vyacheslavovich;
GOLOVNIN, Igor' Stefanovich; PANASENKOVA, Ye.I., red.; MAZEL',
Ye.I., tekhn. red.

[Fuel elements of atomic reactors] Teplovydeliaiushchie ele-
menty atomnykh reaktorov. Moskva, Gosatomizdat, 1962. 369 p.
(MIRA 15:10)

(Nuclear fuels)

DORONIN, Nikolay Andreyevich; PANASENKOVA, Ye. J., red.; VLASOVA,
N.A., tekhn. red.

[Calcium] Kal'tsil. Moskva, Gosatomizdat, 1962. 190 p.
(MIRA 15:10)

(Calcium)

YEVSEYEVA, Lyudmila Spiridonovna; PEREL'MAN, Aleksandr Il'ich;
PANASENKOVA, Ye.I., red.; VLASOVA, N.A., tekhn. red.

[Geochemistry of uranium in a supergene zone] *Geokhimiia urana*
v zone gipergeneza. Moskva, Gosatomizdat, 1962. 238 p.
(MIRA 15:12)

(Uranium)

PANASENKOVA , Ye.I., red.; MAZEL', Ye.I., tekhn. red.

[Labeled biologically active substances] Mechenye biologicheskii
aktivnye veshchestva; sbornik statei. Moskva, Gosatomizdat,
1962. 93 p. (MIRA 16:2)

(TRACERS (BIOLOGY))

STERLIN, Yakov Moiseyevich, kand. tekhn. nauk; VOL'SKIY, A.N., akademik,
red.; PANASENKOVA, Ye.I., red.; POPOVA, S.M., tekhn. red.

[Metallurgy of uranium] Metallurgiya urana. Pod obshchei red.
A.N.Vol'skogo. Moskva, Gosatomizdat, 1962. 418 p.
(MIRA 15:4)

(Uranium--Metallurgy)

ZAYMOVSKIY, Aleksandr Semenovich; KALASHNIKOV, Vyacheslav Vyacheslavovich;
GOLOVNIN, Igor' Stefanovich; PANASENKOVA, Ye.I., red.; MAZEL',
Ye.I., tekhn. red.

[Heat-yielding elements of nuclear reactors] Teplovydeliaiushchie elementy atomnykh reaktorov. Moskva, Gosatomizdat,
1962. 369 p. (MIRA 15:9)
(Nuclear reactors)

ZYSIN, Yu.A.; LBOV, A.A.; SEL'CHENKOV, L.I.; PANASENKOVA, Ye.I.,
red.; MAZEL', Ye.I., tekhn. red.

[Yields of fission products and their mass distribution]
Vykhody produktov deleniia i ikh raspredelenie po massam;
spravochnik. Moskva, Gosatomizdat, 1963. 117 p.
(MIRA 16:12)

(Nuclear fission)

GERASIMOV, V.V.; GROMOVA, A.I.; GOLOVINA, Ye.S.; MOSKVICHEV, G.S.;
PAVLOVA, F.S.; SMIRNOV, V.V.; SHAPOVALOV, E.T.;
PANASENKOVA, Ye.I., red.; MAZEL', Ye.I., tekhn. red.

[Corrosion and irradiation] Korroziia i obluchenie. [By]
V.V.Gerasimov i dr. Moskva, Gosatomizdat, 1963. 267 p.
(MIRA 16:11)

(Corrosion and anticorrosives)
(Materials, Effect of radiation on)

MARKOV, V.K., doktor khim. nauk, prof.; VERNYY, Ye.A., kand. fiz.-
mat. nauk; VINOGRADOV, A.V., kand. khim. nauk; YEFIMSON,
S.V., kand. khim. nauk; KLYGIN, A.Ye., kand. khim. nauk,
MOISEYEV, I.V., kand. khim. nauk; PANASENKOVA, Ye.L.,
red.; ALYAB'YEV, A.F., red.

[Uranium; methods for its determination] Urany metody
opredeleniya. Izd.2., ispr. i dop. Moskva, At. izdat,
1964. 502 p. (MIRA 1964)

FASTOVSKIY, V.G., doktor tekhn. nauk, prof.; KOVIL'SKIY, A.Ye.;
PETROVSKIY, Yu.V.; PANASENKOVA, Ye.I., red.

[Inert gases] Inertnye gazy. Moskva, Atomizdat, 1964.
302 p. (MIRA 17:12)

BARANOV, V.I.; SERDYUKOVA, A.S.; GORBUSHINA, L.V.; NAZAROV, I.M.;
YEFIMKINA, Z.N.; PANASENKOVA, Ye.I., red.

[Laboratory work and problems in radiometry] Laboratornye
raboty i zadachi po radiometrii. Moskva, Atomizdat, 1964.
307 p. (MIRA 17:5)

GERASIMOV, Valentin Vladimirovich; PANASENKOVA, Ye.I., red.

[Corrosion of uranium and its alloys] Korrozia urana i
ego splavov. Moskva, Atomizdat, 1965. 94 p.
(MIRA 18:2)

SAMOYLOV, Andrey Grigor'yevich; KASHTANOV, Andrey Ivanovich;
VOLKOV, Vasiliy Semenovich; PANASENKOVA, Ye.I., red.

[Dispersive fuel elements of nuclear reactors] Disper-
sionnye teplovydeliaiushchie elementy iadernykh reaktorov.
Moskva, Atomizdat, 1965. 342 p. (MIRA 19:1)

CVETKOV, F.I., akademik; Malashuk, A.A. [Panasenko, ...]
MURASHIN, V.V. Murashin, V.V.

Effect of exogenous ...
and galloisite. Pop. Ak. ... 92-100 ...

1. Institut ...
Vecharenko .

PANASEVICH, A.A. [Panasevych, O.O.]; OVCHARENKO, F.D., akademik

Effect of exchange ions on the physicochemical properties
of galloisite. Dop. AN URSR no.3:349-352 '64.

(MIRA 17:5)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.
2. AN UkrSSR (for Ovcharenko).

SALC, B.P.; PANASEVICH, A.A. [Panasevych, O.G.]; SLYN'KO, N.D.

Halloysite as an adhesive and loosening agent in the granulating
and tableting of medicinal substances. *Farmatssev. zhur.* 20 no. 6:5-9
'65. (MIRA 19:1)

1. Khar'kovskiy farmatsevticheskiy institut i Institut obshchey
i neorganicheskoy khimii AN UkrSSR. Submitted February 23, 1965.

OVCHARENKO, Fedor Danilovich, akademik; KUKOVSKIY, Yevgeniy Georgiyevich;
NICHIPORENKO, Sergey Petrovich; VDOVENKO, Sergey Petrovich;
VDOVENKO, Nadezhda Vasil'yevna; TRETINNIK, Vikentiy Yur'yevich;
KRUGLITSKIY, Nikolay Nikolayevich; ~~PANASEVICH, Aleksandr~~
~~Aleksandrovich~~; POKROVSKAYA, Z.S., red. izd-va; MONZHEGAN, P.P.,
tekhn. red.

[Colloid chemistry of palygorskite] Kolloidnaya khimiya paly-
gorskita. Pod obshchei red. F.D.Ovcharenko. Kiev, Izd-vo AN
Ukr.SSR, 1963. 119 p. (MIRA 16:7)

1. AN Ukr.SSR (for Ovcharenko).
(Palygorskite) (Colloids)

KASHIN, B.V.; PANASEVICH, A.P., redaktor

[Labor protection for Soviet universities and scientific institutes;
a handbook] Okhrana truda v vysshei shkole i nauchnykh uchrezh-
deniyakh SSSR; spravochnik. Izd. 2-e, dop. Leningrad, Izd-vo Lenin-
gradskogo gosudarstvennogo ordena Lenina universiteta imeni A.A.
Zdanova, 1952. 327 p. (MLRA 8:6)
(Safety engineering)

IKONNIKOV, S.A.; RUFANOV, P.G.; PANASEVICH, I.S.; KRAKOVSKIY, I.I.;
SHIMKO, K.N., redaktor; ~~SHIMKOVA, T.V.~~, redaktor.

[Marine power installations] Sudovye silovye ustanovki. Izd. 2.,
perer. i dop. Moskva, Gos. izd-vo vdnogo transporta, 1954. 572 p.
(Marine engines) (Steam boilers, Marine) (MLRA 7:8)

BORISOV, V.I.; PANASEVICH, I.S.; KULAYEV, A.N.

Characteristics of the wear of self-sharpening plowshares. Trakt.
i sel'khoz mash. no.3:16-17 Mr '65. (MIRA 18:5)

1. Gor'kovskiy sel'skokhozyaystvennyy institut.

PANASEVICH, K. [Panasiewicz, K.], doktor med. nauk

Results of treating traumatic urethral strictures by the
tunnelization method. Urologiya no.4:24-26 '64.

(MIRA 19:1)

1. Urologicheskaya klinika (zav. - prof. Yan Len'ko [Jan Lenko])
Lodzinskoy voyenno-meditsinskoy akademii, Pol'sha.

1. PANASTVICH, M. A.
2. USSR (600)
4. Marl - Liske District
7. Report on the survey and prospecting carried out in 1944 in the Liski District of the Voronezh Province. (Abstract.) Izv. Glav. upr. geol. fon. no.2, 1944.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. PANASEVICH, M.A.
2. USSR (607)
4. Liski District - Marl
7. Report on the survey and prospecting carried out in 1944 in the Liski District of the Voronezh Province. (Abstract) Izv.Glav.upr.geol.fon. 1942 1946
9. Monthly List of Russian Accessions. Library of Congress. Marc 19 . . . declassified.

PANASEVICH, M.A.; BEREZIN, I.P., kand. med. nauk

Case report on extrauterine pregnancy. Akush. i gin. 39 no.3:
132 My-Je'63 (MIRA 17:2)

1. Iz ginekologicheskogo otdeleniya (zav. M.A. Panasevich)
58-y gorodskoy bol'nitsy (glavnyy vrach S.G. Rynkevich) Moskvy.

D
PANASEWICZ, J.

DUBROWSKI, J. PANASEWICZ, J.

"Intra-blood-vessel Transfusion of Pologlukan in Posthemorrhagic shock in Animals."
p. 283 (Acta Physiologica Polonica. Vol, 4, no. 4, 1953 Warszawa.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

POL.

✓ Blood clotting and fibrinolytic processes in shock after transfusion of heterogeneous blood. S. Niewiarowski and J. Panaszewicz (Bull. Acad. polon. Sci., 1954, 2, 121—125). Heterogeneous blood transfusion into cats produced shock symptoms. Besides external symptoms, there was a long (21—113 min.) and profound (25—100%) decrease in arterial blood pressure. The activation of fibrinolysis was not noted in every case of shock decrease in the blood pressure. A 2- to 8-fold activation was seen in clots produced in the euglobulin fraction of plasma as compared with the initial values. Activation started as soon as shock was produced, increased during shock, and tended to return to normal at the end of the experiment. The prothrombin time was from 10—23%. The blood and plasma clotting time was usually prolonged while in others it was considerably shortened. No apparent changes were noted in the heparin level during shock. The fibrinogen level in plasma of hemolysed blood was reduced from 20—33%. The blood platelet count decreased by 40% on the average towards the end of each experiment. Control animals injected with Ringer's solution or dil. preserving solution showed no effect either on the blood pressure curve, or on the blood clotting and fibrinolytic processes.

B. VINNY.

POLON

✓ Hemodynamic disorders in post citrate shock in rabbits. J. Pansowicz, *Bull. Acad. Polon. Sci.*, 1934, 2, 167-170 (Lab. of Human Physiol., Sch. of Med., Warsaw, Poland).—In rabbits, 3.8% Na citrate in doses of 0.005–0.024 g/kg i.v. produced no hemodynamic disorders, but, in doses of 0.048–0.096, it produced symptoms of post citrate shock with motor stimulation, tonic and clonic tremors, and a fall in the blood pressure and blood Ca level. Doses of more than 0.096 g/kg. killed the animal in 2 min. The arterial blood pressure curve consisted of an initial sudden fall (cardiac phase), a sharp increase above the initial level (reflexory phase) and finally a slow return to the initial level. Anesthesia diminished the post citrate shock and it could be prevented if the citrate contained an equimolar amount of Ca ions, or if the shock producing dose was given slowly. A. ACXAOV.

PANASEWICZ, JOZEF

NIEWIAROWSKI, Stefan; PANASEWICZ, Jozef

Coagulation and fibrinolysis following shock due to transfusion of heterogenic blood. Acta physiol. polon. 5 no.2:191-205 1954.

1. Z Pracowni Biochemii Klinicznej oraz z Działu Fizjologii Instytutu Hematologii. Dyrektor: dr A. Trojanowski.

(SHOCK, experimental,

heterogenic blood causing shock with coagulation & fibrinolytic changes)

(BLOOD TRANSFUSION,

heterogenic blood causing shock with coagulation & fibrinolytic changes in animals)

(BLOOD COAGULATION,

eff. of heterogenic blood shock in animals)

(FIBRIN,

fibrinolysis, eff. of heterogenic blood shock in animals)

PANASEWICZ, JOZEF
CZUBALSKI, Franciszek; KORDECKI, Roman; PANASEWICZ, Jozef

Effect of small doses of histamine on function of isolated and not isolated hearts. Acta physiol. polon. 5 no.4:365-370 1954.

1. Z Zakladu Fizjologii Czlowieka Akademii Medycznej w Warszawie.
Kierownik: prof. dr Fr.Czubalski.

(HEART, effect of drugs on,
histamine, isolated & not isolated heart)
(HISTAMINE, effects,
on heart, isolated & not isolated)

PAWASEWICZ, Jozef

Hemodynamic disorder in citrate shock in rabbits. Acta physiol.
polon. 5 no.4:370-376 1954.

1. Z Zakladu Fizjologii Czlowieka Akademii Medycznej w Warszawie.
Kierownik: prof. dr Fr. Czubalski. Z Zakladu Fizjologii Instytutu
Hematologii. Dyrektor: dr A.Trojanowski. Kierownik: dr J.Dubrowski.

(CITRATES, effects,

shock, eff. on hemodynamics in rabbit)

(BLOOD CIRCULATION,

hemodynamics in citrate shock in rabbit)

(SHOCK, experimental,

hemodynamics in citrate shock in rabbit)

PANASEWICZ, JOSEF

DUBROWSKI, Jerzy; PANASEWICZ, Jozef; MARCZAK, Krystyna

Effect of hypothermia, ether anesthesia, and intravenous novacaine on reactions of the vasoreceptors. Acta physiol. polon. 5 no.4:383-385 1954.

1. Z Zakladu Fizjologii (Kier. dr J.Dubrowski) Instytutu Hematologii (Dyr. dr Trojanowski)

(BLOOD VESSELS, physiology,

eff. of hypothermia, ether anesth. & intravenous procaine on vasoreceptors in isolated leg in cat)

(COLD, effects,

on vasoreceptors in isolated leg in cat)

(PROCAINE, effects,

on vasoreceptors in isolated leg in cat)

(ANESTHESIA, effects,

on vasoreceptors in cat)

CZECHOWSKA, Zofia; DUBROWSKI, Jerzy; HAUSMAN, Artur; KOSTRZEWSKA, Ewa;
KRYSIK, Janina; MURAWSKI, Krzysztof; PANASEWICS, Josef. ZAKRZEWSKI,
Kazimierz

Poliglukan, partially hydrolyzed dextran solution with anti -shock
action. Polskie arch. med. wewnetrz. 24 no.1:1-17 1954.

1. Z instytutu Hematologii a Warszawie, kierownik. Działu Biochemii
Instytutu Hematologii: dr K.Zakrzewski, Dyrektor Instytutu: doc.
dr A.Hausman.

(DEXTRAN,

hydrolyzed solution, ther. of shock)

(SHOCK, therapy,

dextran hydrolyzed solution)

PANASEWICZ, J.

1953. Influence of heparin on shock after transfusion of hetero-
genous blood. J. Panasewicz *Bull. Acad. polon. Sci.* 1953, 2,
 66-68 (Lab. of Physiol., Inst. of Hematology, Warsaw).—Experi-
 mental shock is produced in cats and rabbits by the i.v. injection of
 overated preserved human blood, group B. Heparin administered
 before or at the same time exerts an inhibitory action on the pro-
 gress of hemodynamic disturbances and retards or inhibits com-
 pletely the hemolytic reactions which always develop during
 heterogenous shock. The "anti-shock" properties of heparin
 are due primarily to its anticomplementary action.
 E. C. BRITTON

KANA SEWICZ, J.

✓ 1961. Role of angiotensin and central nervous system in the
pathogenesis of homogeneous hemolytic shock. J. PARASZEWICZ
Bull. Acad. polon. Sci., 1955, 2, 68-71 (Lab. of Physiol., Inst. of Med.
Hematology, Warsaw). E. C. BUTTERWORTH.

PANASEWICZ, Jozef.

Hemodynamic and respiratory disorders in citrate shock in rabbits.
Acta physiol.polon 6 n.1:65-69 1955.

Z Zakladu Fizjologii Czlowieka A.M. w Warszawie, kierownik: prof
dr. Fr.Czubalski. oraz z Zakladu Fizjologii Instytutu Hematolo-
gii Kierownik: dr J. Mubrowski.

(SHOCK, experimental,
hemodynamic & resp.disord. in citrate shock in rabbits)
(RESPIRATION, physiology,
eff. of citrate shock in rabbits)
(BLOOD CIRCULATION,
hemodynamics, eff. of citrate shock in rabbits)
(CITRATES, effects,
exper.shock hemodynamic & resp.changes in rabbits)

PANASEWICZ, Józef.

Investigations on experimental shock following transfusion; effect of heparin on shock following transfusion of heterogenous blood. Acta physiol. polon 6 no.4:357-371 1955.

1. Z Zakładu Fizjologii Instytutu Hematologii w Warszawie.
Dyrektor: doc. dr A.Trojanowski. Kierownik: dr J. Dubrowski i
z Zakładu Fizjologii Człowieka A.M. w Warszawie. Kierownik:
prof. dr. Fr. Czubalski.

(BLOOD TRANSFUSION, experimental,

shock after transfusion of heterogenous blood, eff. of
heparin (Pol))

(SHOCK, experimental,

post-transfusion with heterogenous blood, eff. of
heparin (Pol))

(HEPARIN, effects,

on exper. shock after transfusion of heterogenous blood (Pol))

EXCERPTA MEDICA Sec.2 Vol.10/10 Phy.Biochem. Oct 57
PANASEWICZ J.

4573. PANASEWICZ J. Lab. of Human Physiol., Sch. of Med. and Lab. of Physiol.,
Inst. of Haematol., Warsaw. *The role of the reticulo-endothelial
system (R. E. S.) and the effect of electronegative col-
loidal dyes in the course of heterogenous haemolytic
shock BULL. ACAD. POLON. SCI. 1957, 5/1 (31-35) Graphs 7 Illus. 4
Haemolytic shock was produced in 47 cats by i. v. injection of preserved human
blood. I. v. administration of electronegative colloidal dyes had an inhibitory in-

4573 CONT.

fluence on the heterogenous post-transfusion shock. The anti-shock activity of the dyes depends on the drop of the complement level in the peripheral blood.

Trzebski - Warsaw

EXCERPTA MEDICA Sec.2 Vol.10/10 Phy.Biochem. Oct 57
PANASEWICZ J.

4571. PANASEWICZ J. Lab. of Physiopathol., Inst. of Haematol. and Lab. of Human Physiol., Sch. of Med., Warsaw. * Changes in peripheral blood in experimental heterogenous haemolytic shock
BULL. ACAD. POLON. SCI. 1957, 5/1 (37-41) Graphs 2

Heterogenous transfusion shock was induced in cats by i.v. injection of human blood. A progressive fall of the haematocrit, the occurrence of large quantities of free haemoglobin in the serum, a decrease of the erythrocytes, a fall of the haemoglobin level, a rise of the haemoglobin index, a slowing of the sedimentation rate, a general diminution of the leucocytes, a decrease of neutrophils and a progressive decrease of lymphocytes, an increase of young forms, eosinophilia, an increase of phagocytic activity, a slight increase of coagulation time, a decrease of the platelet count and a marked diminution of the complement activity were noted.

Trzebski - Warsaw

KORDECKI, R.; PANASEWICZ, J.

Effect of exclusion of the carotid sinuses on hemodynamic disorders in histamine and heterologous serum shocks. Acta physiol. polon. 8 no.3: 385-387 1957.

1. Z Zakladu Fizjologii Czlowieka A. M. w Warszawie Kierownik: prof. dr Fr. Czubalski.

(CAROTID SINUS, physiology,

eff. of exclusion on blood pressure in histamine & heterologous serum shocks (Pol))

(BLOOD PRESSURE, physiology

eff. of carotid sinus exclusion in histamine & heterologous serum shock (Pol))

(HISTAMINE, effects,

exper. shock, eff. of exclusion of carotid sinus (Pol))

(BLOOD TRANSFUSION, experimental,

heterologous blood causing shock, eff. of exclusion of carotid sinus (Pol))

LILLE-SZYSZKOWICZ, I.; CHOJNACKA, I.; PANASEWICZ, J.; WALEWSKA, I.

Studies on the role of neural mechanisms in the development of anaphylactic shock and resistance reactions. Acta physiol. polon. 8 no.3: 415-418 1957.

1. Z Zakladu Serologii Instytutu Hematologii Kierownik: prof. dr I. Lille-Szyszkowicz Z Zakladu Fizjopatologii Instytutu Hematologii Kierownik: kand. nauk. med. J. Panasewicz Dyrektor Instytutu: doc. dr A. Trojanowski.
(ALLERGY, experimental,
neural mechanisms (Pol))
(NERVOUS SYSTEM, in vnr. dis.
exper. allergy (Pol))

LITWIN, J.: PANASEWICZ, J.

Spontaneous increase of blood pressure in immobilized animals. Acta
physiol. polon. 8 no.3:420-422 1957.

1. Z Zakladu Fizjologii Czlowieka A. M. w Warszawie Kierownik: prof. dr
P. Czubalski.

(BLOOD PRESSURE,

eff. of immobilization in animals (Pol))

(MOVEMENT,

immobilization, eff. on blood pressure in animals (Pol))